

# High School Athletic Departments in Texas UIL Region IV as Sentinel Surveillance Sites

## For Community Associated Methicillin Resistant Staphylococcal Infections –

### Fall 2005 Results

Response rate: 76/115 (66.7%)

Table 1. Number and percent of athletic departments, by program, reported to have skin, staphylococcal, and MRSA infections, fall 2005							
<b>LATS Reporting</b>	<b>Athletic departments</b>	<b>Football</b>	<b>Wrestling</b>	<b>Volleyball</b>	<b>Cross country</b>	<b>Adults</b>	<b>Nonathlete</b>
	<b># (%)</b>	<b># (%)</b>	<b># (%)</b>	<b># (%)</b>	<b># (%)</b>	<b># (%)</b>	<b># (%)</b>
Schools with program	76	76	22	74	76	76	73
Skin infections	64 (84.2)	58 (76.3)	16 (72.7)	30 (40.5)	8 (10.5)	15 (19.7)	6 (8.2)
<i>S. aureus</i> infections	54 (71.1)	51 (67.1)	4 (18.2)	12 (16.2)	3 (3.9)	10 (13.2)	1 (1.4)
MRSA infections	32 (42.1)	31 (40.8)	1 (4.5)	4 (5.4)	2 (2.6)	3 (3.9)	0 (0.0)

Table 2. Number and percent of individual athletic department participants, by program, reported to have skin, staphylococcal, and MRSA infections, fall 2003

<b>LATS Reporting</b>	<b>All programs # (%)</b>	<b>Football # (%)</b>	<b>Wrestling</b>	<b>Volleyball # (%)</b>	<b>Cross country # (%)</b>	<b>Adults # (%)</b>	<b>Nonathletes # (%)</b>
Participants*	21,791 (100.0)	11,567 (100.0)	616 (100.0)	3,572 (100.0)	2,354 (100.0)	2,581 (100.0)	1,101 (100.0)
Skin infections	475 (2.2)	345 (2.9)	47 (7.6)	40 (1.1)	15 (0.6)	22 (0.9)	6 (0.5)
<i>S. aureus</i> infections	231 (1.1)	181 (1.6)	10 (1.6)	20 (0.6)	4 (0.2)	11 (0.4)	5 (0.5)
MRSA infections	63 (0.3)	53 (0.5)	1 (0.2)	4 (0.1)	2 (0.1)	3 (0.1)	0 (0.0)

\*Schools that omitted information regarding total number of participants were omitted from analysis.

	<b>All programs</b>	<b>Football</b>	<b>Wrestling</b>	<b>Volleyball</b>	<b>Cross country</b>	<b>Adults</b>	<b>Nonathletes</b>
# of participants reported with skin infections	475	345	47	40	15	22	6
# (%) of skin infections reported to be <i>S. aureus</i>	231 (48.6)	181 (52.5)	10 (21.3)	20 (50.0)	4 (26.7)	11 (50.0)	5 (83.3)
# (%) of <i>S. aureus</i> infections reported to be MRSA	63 (27.3)	53 (29.3)	1 (10.0)	4 (20.0)	2 (50.0)	3 (27.3)	0 (0.0)

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<i>S. aureus</i> infections	231 (1.1)	181 (1.6)	10 (1.6)	20 (0.6)	4 (0.2)	11 (0.4)	5 (0.5)
MRSA infections	63 (0.3)	53 (0.5)	1 (0.2)	4 (0.1)	2 (0.1)	3 (0.1)	0 (0.0)

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Show % of skin that are staph and % of staph that are MRSA as per Tom.

Table 3. Number of reported MRSA cases in athletic departments

# MRSA infections reported in athletic department		# (%) athletic departments reporting N= 76
	1	16 (21.1)
	2	11 (14.5)
	3	2 (2.6)
	4	2 (2.6)
	5	1 (1.3)
	6	1 (1.3)
<b>Total</b>	<b>63</b>	<b>33 (43.4)</b>

Table 4. Number of persons with reported MRSA infections by sport in athletic departments reporting infections in multiple sports

# total athletes with MRSA	# football players	# wrestlers	# volleyball	# cross country	# adults	# nonathletes
5	3		1	1		
4	3			1		
4	3	1				
4	3				1	
3	2		1			
2	1				1	
2	1				1	

Table 5. Number of persons with reported MRSA infections, by sport, in athletic departments reporting infections in only one sport

# athletic departments reporting	# football players	# volleyball players
15	1	
8	2	
1	6	
1		1

One school had MRSA only in 1 volleyball player.

15 had 1 in football only.

8 had 2 in football only.

1 had 6 in football only

24 schools had MRSA exclusively in football players.